

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	(anesthes\$4 OR analges\$4 OR sedat\$4) AND "6126595".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/04/28 22:39
L4	1	(US-6315736-\$).did.	USPAT	OR	ON	2007/04/28 22:46
L5	1	(amplitude OR magnitude OR peak OR period\$6 OR morpholog\$4 OR variabilit\$3) AND (((heart OR pulse) ADJ (beat OR rate)) OR "PR" OR heartbeat OR (dicrotic ADJ notch)) AND 4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/04/28 22:46
L6	11	(US-20050010116-\$ or US-20050143665-\$ or US-20060217628-\$ or US-20030055343-\$).did. or (US-6315736-\$ or US-6117075-\$ or US-5522387-\$ or US-6890304-\$ or US-6685649-\$ or US-6361501-\$ or US-6126595-\$).did.	US-PGPUB; USPAT	OR	ON	2007/04/28 23:00
L7	2	((neural ADJ2 network) OR fuzzy) AND 6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/04/28 23:05
L8	3	(dicrotic NEAR2 notch) AND 6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/04/28 23:05

## EAST Search History

L9	24	((600/481,483-486,500-507) OR (128/203.14,203.13)).ccls. AND ((anesthes\$4 OR analges\$4 OR sedat\$4) SAME (comfort\$5 OR depth OR state OR level OR pain OR relax\$6) SAME (index OR indic\$4 OR ratio)) AND ((chang\$3 OR fluctuation OR variab\$5 OR vary\$3) WITH (index OR indic\$4 OR ratio)) AND (magnitude OR peak OR maximum OR max OR amplitude) AND (((heart OR pulse) ADJ (beat OR rate OR period)) OR "PR" OR "RR" OR heartbeat OR (dicrotic ADJ notch)) AND ("PPG" OR photoplethysm\$ OR plethysm\$ OR pulsimet\$3 OR cuff OR oximeter OR ((pulse OR oximetry OR volume OR pressure) NEAR4 (detect\$5 OR measur\$6 OR sensor\$3 OR sensing OR probe OR meter\$3 OR monitor\$3)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/04/28 23:19
L10	24	9 AND ((anesthes\$4 OR analges\$4 OR sedat\$4) SAME (comfort\$5 OR depth OR state OR level OR pain OR relax\$6) SAME (index OR indic\$4 OR ratio)) AND ((chang\$3 OR fluctuation OR variab\$5 OR vary\$3) WITH (index OR indic\$4 OR ratio))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/04/28 23:19
L11	15	9 NOT 6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/04/28 23:19
L12	15	11 AND ((anesthes\$4 OR analges\$4 OR sedat\$4) SAME (comfort\$5 OR depth OR state OR level OR pain OR relax\$6) SAME (index OR indic\$4 OR ratio)) AND ((chang\$3 OR fluctuation OR variab\$5 OR vary\$3) WITH (index OR indic\$4 OR ratio))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/04/28 23:19
S1	50	("KORHONEN" NEAR2 "ILKKA") OR ("GILS" NEAR2 "MARCUS") OR ("PALOHEIMO" NEAR2 "MARKKU") OR ("YLI-HANKALA" NEAR2 "ARVI") OR ("HUIKU" NEAR2 "MATTI").in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/28 10:22

## EAST Search History

S2	26	("("KORHONEN" NEAR2 "ILKKA") OR ("GILS" NEAR2 "MARCUS") OR ("PALOHEIMO" NEAR2 "MARKKU") OR ("YLI-HANKALA" NEAR2 "ARVI") OR ("HUIKU" NEAR2 "MATTI")).in. AND ("600"/\$.ccls. OR "128"/\$.ccls. OR "607"/\$.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/28 10:24
S3	8	US-5699808-\$.DID. OR US-6067467-\$.DID. OR US-6117075-\$.DID. OR US-6338713-\$.DID. OR WO-0232305-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/28 10:33
S4	0	("vierto-oja" NEAR2 "hanna").in.	USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/28 10:30
S5	1	("vierto-oja" NEAR2 "hanna").in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/28 10:31
S6	1	WO-200232305-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/28 10:33
S7	9	S3 OR S6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/28 10:34
S8	18	(600/481,483-486,500-507).ccls. AND ((anesthes\$4 OR sedat\$4) SAME (comfort\$5 OR depth OR state) SAME (index OR indic\$4)) AND (((blood OR stroke OR ejection) ADJ2 volume) OR (blood ADJ pressure) OR "BP") AND (((heart OR pulse) ADJ (beat OR rate)) OR "PR" OR heartbeat OR (dicrotic ADJ notch))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/04/28 10:58
S9	18	((anesthes\$4 OR sedat\$4) SAME (comfort\$5 OR depth OR state) SAME (index OR indic\$4)) AND S8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/04/28 10:51

## EAST Search History

S10	23	((600/481,483-486,500-507) OR (128/203.14,203.13)).ccls. AND ((anesthes\$4 OR sedat\$4) SAME (comfort\$5 OR depth OR state OR level) SAME (index OR indic\$4 OR ratio)) AND ((chang\$3 OR fluctuation OR variab\$5 OR vary\$3) NEAR5 (index OR indic\$4 OR ratio)) AND (((blood OR stroke OR ejection) ADJ2 volume) OR (blood ADJ pressure) OR "BP") AND (((heart OR pulse) ADJ (beat OR rate)) OR "PR" OR heartbeat OR (dicrotic ADJ notch))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/04/28 11:06
S11	23	((anesthes\$4 OR sedat\$4) SAME (comfort\$5 OR depth OR state OR level) SAME (index OR indic\$4 OR ratio)) AND ((chang\$3 OR fluctuation OR variab\$5 OR vary\$3) NEAR5 (index OR indic\$4 OR ratio)) AND S10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/04/28 11:06
S12	23	((600/481,483-486,500-507) OR (128/203.14,203.13)).ccls. AND ((anesthes\$4 OR analges\$4 OR sedat\$4) SAME (comfort\$5 OR depth OR state OR level) SAME (index OR indic\$4 OR ratio)) AND ((chang\$3 OR fluctuation OR variab\$5 OR vary\$3) NEAR5 (index OR indic\$4 OR ratio)) AND (((blood OR stroke OR ejection) ADJ2 volume) OR (blood ADJ pressure) OR "BP") AND (((heart OR pulse) ADJ (beat OR rate)) OR "PR" OR heartbeat OR (dicrotic ADJ notch))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/04/28 23:11
S13	23	((anesthes\$4 OR analges\$4 OR sedat\$4) SAME (comfort\$5 OR depth OR state OR level) SAME (index OR indic\$4 OR ratio)) AND ((chang\$3 OR fluctuation OR variab\$5 OR vary\$3) NEAR5 (index OR indic\$4 OR ratio)) AND S12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/04/28 13:04
S14	11	(US-20050010116-\$ or US-20050143665-\$ or US-20060217628-\$ or US-20030055343-\$).did. or (US-6315736-\$ or US-6117075-\$ or US-5522387-\$ or US-6890304-\$ or US-6685649-\$ or US-6361501-\$ or US-6126595-\$).did.	US-PGPUB; USPAT	OR	ON	2007/04/28 12:45

## EAST Search History

S15	10	(amplitude OR magnitude OR peak OR period\$6 OR morpholog\$4 OR variabilit\$3) AND (((heart OR pulse) ADJ (beat OR rate)) OR "PR" OR heartbeat OR (dicrotic ADJ notch)) AND S14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/04/28 22:46
S16	10	((amplitude OR magnitude OR peak OR period\$6 OR morpholog\$4 OR variabilit\$3) SAME (index OR indic\$4 OR ratio)) AND (((heart OR pulse) ADJ (beat OR rate)) OR "PR" OR heartbeat OR (dicrotic ADJ notch)) AND S14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/04/28 12:51
S17	4	(US-6890304-\$ or US-6685649-\$ or US-6315736-\$ or US-6126595-\$).did.	USPAT	OR	ON	2007/04/28 13:00
S18	4	S17 AND (((blood OR stroke OR ejection) ADJ2 volume) OR (blood ADJ pressure) OR "BP")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/04/28 14:24
S19	4	((anesthes\$4 OR analges\$4 OR sedat\$4 OR comfort\$5 OR depth OR state OR level) SAME (index OR indic\$4 OR ratio)) AND S17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/04/28 13:06
S20	4	((anesthes\$4 OR analges\$4 OR sedat\$4) SAME (comfort\$5 OR depth OR state OR level) SAME (index OR indic\$4 OR ratio)) AND S17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/04/28 22:38
S21	1	((anesthes\$4 OR analges\$4 OR sedat\$4) SAME (comfort\$5 OR depth OR state OR level) SAME (index OR indic\$4 OR ratio)) AND "6126595".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/04/28 14:23
S22	1	(((blood OR stroke OR ejection) ADJ2 volume) OR (blood ADJ pressure) OR "BP") AND "6126595".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/04/28 14:24